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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/594,336

09/27/2006

Koji Sasaki

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EXAMINER

WANG-HURST, KATHY W

ART UNIT

PAPER NUMBER

2617

NOTIFICATION DATE

DELIVERY MODE

03/20/2009

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 10/594,336	<b>Applicant(s)</b> SASAKI, KOJI	
	<b>Examiner</b> KATHY WANG-HURST	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2009.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 14-18 and 20-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 14-18 and 20-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/14/2009 has been entered.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 14-18 and 20-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Toebe (US 6961590), in view of Matsunaga et al. (US 2005/0143137).

Regarding Claims 14 and 24, Toebe discloses a cellular telephone allowing registration information to be called up and used, there being an assignment relationship established between each numerical key included among dial keys of the cellular telephone, and a numerical character on each numerical key and/or a plurality of single alphabetical characters (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30), said cellular telephone comprising: a storage part for storing a database in

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which numeric data and a piece of registration information are associated with each other(see col. 3 lines 43-64, col. 5 lines 8-30), the numeric data being obtained by numerical conversion of a keyword related to said piece of registration information in accordance with said assignment relationship (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30); a function key selected from a group consisting of an E-mail key, an address book key, a menu key, and an Internet key (Fig. 1 items 106, 107, 108 and 109, col. 4 line 42-col. 5 lines 8, function buttons may be an email function button, accessing Internet home page); an acceptance part for accepting a numeric string entered by using said dial keys as a call request for a piece of registration information corresponding to the type of a pressed function key when the function key is pressed after the numeric string is entered (col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30); an extraction part for searching said database to extract a piece of registration information associated with numeric data containing said numeric string (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30); and a display part for displaying the piece of registration information extracted by said extraction part (col. 3 lines 30-42).

Toebees discloses a function key selected from a group including of an E-mail key and an Internet key but does not explicitly disclose a function key selected from a group consisting of an E-mail key, an address book key, and an Internet connection key.

Matsunaga teaches a function key selected from a group consisting of an E-mail key, an address book key, a menu key, and an Internet key (see Matsunaga's Fig. 2A).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Toebes, to incorporate other function keys such as address book key and menu key as taught by Matsunaga, thus allowing a more targeted search.

Regarding Claim 15, Toebes discloses the cellular telephone according to claim 14, further comprising: a registration part for registering numeric data and a new piece of registration information in association with each other in said database when accepting the registration of the new piece of registration information, said numeric data being obtained by numerical conversion of a keyword related to the new piece of registration information in accordance with said assignment relationship (col. 2 lines 41-46, col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Regarding Claim 16, Toebes discloses the cellular telephone according to claim 14, wherein when said numeric string is entered and the predetermined function key is pressed, said acceptance part displays types of said registration information to accept a selection thereof, thereby accepting said numeric string as a call request for a selected type of registration information (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Regarding Claim 17, Toebes discloses the cellular telephone according to claim 14, wherein said function key is the E-mail key and said registration information includes an e-mail address (col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Regarding Claim 18 and 20, combination of Toebes and Matsunaga discloses the cellular telephone according to claim 14, wherein said function keys are the address book key and menu key and registration information includes a telephone number.

Regarding Claim 21, Toebes discloses the cellular telephone according to claim 14 wherein said function key is the Internet connection key and said registration information includes an address (col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Regarding Claim 22, Toebes discloses the cellular telephone according to claim 14, further comprising: a call request part for requesting said acceptance part to call up said predetermined piece of registration information which specifies said numeric string when said numeric string is entered on a standby screen and the predetermined function key is pressed (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Regarding Claim 23, Toebes discloses the cellular telephone according to claim 22, wherein when part of said numerical string is entered on said standby screen, said call request part searches said database for a keyword containing a character string obtained by character conversion of said part in accordance with said assignment relationship to extract and display keyword candidates on said standby screen, thereby accepting a selection there among, and requests said acceptance part to call up said predetermined piece of registration information corresponding to a selected keyword (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Regarding Claims 25 and 26, Toebes discloses a cellular telephone and a personal digital assistant (col. 3 lines 65-col. 4 lines 8) allowing registration information

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to be called up and used, there being an assignment relationship established between each numerical key included among dial keys of the cellular telephone, and a numerical character on each numerical key and/or a plurality of single alphabetical characters, said cellular telephone comprising: a storage part for storing registration information (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30); a function key selected from a group consisting of an E-mail key and an Internet key (col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30); an acceptance part for accepting a numeric string as a call request for a piece of registration information corresponding to the type of a pressed function key when the numeric string is entered by using said dial keys (col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30), the numeric string being obtained by numerical conversion of a keyword related to said registration information in accordance with said assignment relationship when the function key is pressed after the numeric string is entered (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30); and an extraction part for extracting a piece of registration information corresponding to said numeric string (see col. 3 lines 43-64, col. 4 line 42-col. 5 lines 8, col. 5 lines 8-30).

Toebe discloses a function key selected from a group consisting of an E-mail key and an Internet key but fails to explicitly disclose a function key selected from a group consisting of an E-mail key, an address book key, and an Internet connection key. Matsunaga teaches a function key selected from a group consisting of an E-mail key, an address book key, a menu key, and an Internet key (see Matsunaga's Fig. 2A).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Toebe, to incorporate

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other function keys such as address book key and menu key as taught by Matsunaga, thus allowing a more targeted search.

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Griswold et al. (US 2003/0054841) discloses a web related number enabled telephone by using an internet function key.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571) 270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/  
Examiner, Art Unit 2617

/NICK CORSARO/  
Supervisory Patent Examiner, Art Unit 2617